



PCT

RAW SEQUENCE LISTING DATE: 05/28/2004
PATENT APPLICATION: US/09/856,812A TIME: 15:21:04

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3 <110> APPLICANT: Huang, Lan-Qing
        Van Pel, Aline
        Brasseur, Francis
        De Plaen, Etienne
        Boon, Thierry
 9 <120> TITLE OF INVENTION: Tumour Rejection Antigens
11 <130> FILE REFERENCE: L0461.70115US00
13 <140> CURRENT APPLICATION NUMBER: US 09/856,812A
14 <141> CURRENT FILING DATE: 2001-05-25
16 <150> PRIOR APPLICATION NUMBER: GB 9826143.1
17 <151> PRIOR FILING DATE: 1998-11-27
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23 <210> SEQ ID NO: 1
24 <211> LENGTH: 369
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38 Pro Ser Ser Phe Pro Ser Ser Ser Ser Ser Ser Ser Ser Cys Tyr
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41 Pro Leu Ile Pro Ser Thr Pro Glu Glu Val Ser Ala Asp Asp Glu Thr
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50 Lys Glu Glu Şer Pro Ser Thr Leu Gln Val Leu Pro Asp Ser Glu Ser
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53 Leu Pro Arg Ser Glu Ile Asp Glu Lys Val Thr Asp Leu Val Gln Phe
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65 Glu Val Asp Pro Thr Gly His Ser Phe Val Leu Val Thr Ser Leu Gly
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Input Set : A:\L0461.70115US00.txt

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105	<21	3 > 0	RGAN	IISM:	Hon	o sa	pier	ıs								
105 107	<21 <40	3 > 0 0 > 5	RGAN EQUE	IISM: NCE:	Hom 2		_		n Arc	ı Tvr	Lvs	Ala	Glu	ı Glı	ı Glv	z Leu
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105 107 108 109 111 112 114 115 117 118 120 121 123	<21 <40 Met 1 Gln Ala Thr Pro 65	3> 0 0> 5 Leu Ala Glu Leu 50 Glu	ORGAN SEQUE Leu Glm Glu 35 Glu Glu Gly	IISM: INCE: I Gly 20 I Glr I Glu	Hom 2 Glr Glv Glv Lys Val	Lys Ala Ala Thr Gly	Ser Ala	Glr Gly Ser GSEr Let	y Leu 25 Ser) Ger Gly	10 Met	Asp Ser Pro Thr 75	Val Thr Ser 60 Asp	Glm Leu 45 Pro	Ile 30 Ile Pro	19 Pro	Thr Gly Ser Trp 80 Ser
105 107 108 109 111 112 114 115 117 118 120 121 123 124	<21 <40 Met 1 Gln Ala Thr Pro 65 Ser	3> C 0> S Lev Ala Glu Lev 5C Glu	GEQUE GE GEQUE GEQUE GEQUE GEQUE GE GE GEQUE GE GE GE GE GE GE GE GE GE GE GE GE GE	IISM: INCE: I Gly 20 I Glr I Glu Asp	Hom 2 Glr Glr Glr Lys Val Val Ser	Lys Ala Ala Thr Gly	S Sen Pro A Ala Asp Sen Sen Sen	Glr Gly A Ser A(O Ser E Let	y Leu 25 Ser O Gly Thr	10 Met	Asp Ser Pro Thr 75	Val Thr Ser 60 Asp	Glm 45 Pro Ser	Ile 30 Ile Pro Thi	15 Pro) Met Met C Let / Pro 95	Thr Gly Ser Trp 80 Ser
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105 107 108 109 111 112 114 115 117 118 120 121 123 124 126 127 129 130 132 133	<21 <40 Met 1 Gln Ala Thr Pro 65 Ser Thr Asp	3> COO SECTION OF SECT	GRGAN GEQUE Leu Glm 35 Glu Gly Gly Ser Pro Lys 115 Glu	CISM: CNCE: CNCE: CST	Hom 2	Ala Ala Thr 70 Gly Ala Glu	S Ser Pro A Ala Asp Ser Ser V Ser A His Leu	Glr	/ Leu 25 Ser Of Gly 1 Thr Ser 1 Glu 105 1 Arg	Met Ser Val Asn 90 Ser Phe	Asp Ser Pro Thr 75 Glu Leu Leu	Val Thr Ser 60 Asp Glu Phe Leu Glu 140	Glue Arg	Thi Gly Glu Lys	15 Pro	Thr Gly Ser Trp 80 Ser Leu Gln ELys
105 107 108 109 111 112 114 115 117 118 120 121 123 124 126 127 129 130 132 133 135	<21 <40 Met 1 Gln Ala Thr Pro 65 Ser Thr Asp Ile Asn	3> COO SECTION OF SECT	GRGAN GEQUE Leu Glm 35 Glu Gly Gly Ser Pro Lys 115 Glu	CISM: CNCE: CNCE: CST	Hom 2	Ala Ala Thr Ser 70 Gly Ala Glu	Ser Pro Ala Ala Ser Ser Ser Ser Let Lys 135	Glr	/ Leu 25 Ser Of Gly 1 Thr Ser 1 Glu 105 1 Arg	Met Ser Val Asn 90 Ser Phe	Asp Ser Pro Thr 75 Glu Leu Leu	Val Thr Ser 60 Asp Glu Phe Leu Glu 140 Lys	Glue Arg	Thi Gly Glu Lys	15 Pro	Thr Gly Ser Trp 80 Ser Leu Gln Lys
105 107 108 109 111 112 114 115 117 118 120 121 123 124 126 127 129 130 132 133 135	<21 <40 Met 1 Gln Ala Thr Pro 65 Ser Thr Asp Ile Asn 145	3> COO SECTION OF SECT	ORGAN SEQUE Leu Glm 35 Glu Gly Ser Fro Lys 115 Glu	CISM: CNCE: CNCE: CST Gly CST Glr CST	Hom 2	Ala Ala Thr Ser 70 Gly Ala Thr	Ser Pro Ala Ala Ser Ser Ser His Leu Lys 135	Glr	y Leu 25 Ser C Gly Thr Ser 105 Arg	Met Ser Val Asr 90 Ser Phe Met	Asp Ser Pro Thr 75 Glu Leu Leu Leu	Thr Ser 60 Asp Glu Phe Leu Glu 140 Lys	Glue Arg	Third Gly Glu Lys	15 Pro	Thr Cly Ser Trp 80 Ser Leu Cln Cln Cly Cly Cly Clo
105 107 108 109 111 112 114 115 117 118 120 121 123 124 126 127 129 130 132 133 135	<21 <40 Met 1 Gln Ala Thr Pro 65 Ser Thr Asp Ile Asn 145	3> COO SECTION OF SECT	ORGAN SEQUE Leu Glm 35 Glu Gly Ser Fro Lys 115 Glu	CISM: CNCE: CNCE: CST Gly CST Glr CST	Hom 2	Ala Ala Thr Ser 70 Gly Ala Thr Phe 150	Ser Pro Ala Ala Ser Ser Ser His Leu Lys 135	Glr	y Leu 25 Ser C Gly Thr Ser 105 Arg	Met Ser Val Asr 90 Ser Phe Met	Asp Ser Pro Thr 75 Glu Leu Leu Ser 155 Glu	Thr Ser 60 Asp Glu Phe Leu Glu 140 Lys	Glue Arg	Third Gly Glu Lys	15 Pro	Thr Gly Ser Trp 80 Ser Leu Gln Cys 160 Gly

Input Set : A:\L0461.70115US00.txt

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Input Set : A:\L0461.70115US00.txt

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Input Set : A:\L0461.70115US00.txt

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	305	<212	?> TY	PE:	DNA													
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VERIFICATION SUMMARY

DATE: 05/28/2004 TIME: 15:21:05

PATENT APPLICATION: US/09/856,812A

Input Set : A:\L0461.70115US00.txt

Output Set: N:\CRF4\05282004\1856812A.raw

L:291 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3 L:463 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5